Packet-Radio Digest   Thu, 7 Jan 93   Volume 93 : Issue   7

Today's Topics:
                     access to KA(Q tcp/ip code?
                           AmigaNOS v2.9k
                  high speed packet radio question
                      NOS and landline adapting
                        Questions about nodes
                 RESULT: rec.radio.info passes 215:51
SLIP - What is (answer) - NOS versions, 'dialer', SLIP timeout., finger
(questions) Thanks!

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 6 Jan 93 17:54:29 GMT
From: saimiri.primate.wisc.edu!zaphod.mps.ohio-state.edu!darwin.sura.net!sgiblab!
nec-gw!nec-tyo!wnoc-tyo-news!glocom!tyo-noc-news!jh1ynw!marina!kohjin@ames.arpa
Subject: access to KA(Q tcp/ip code?
To: packet-radio@ucsd.edu

In article <1993Jan5.150200.12587@sernews.raleigh.ibm.com> kf5mg@VNET.IBM.COM
writes:
|In <1ia2rcINNna7@sixgun.East.Sun.COM| gilly@gilly.East.Sun.COM (Bob Gilliland SE
Cloumbia, Md Office) writes:
||From where on the Internet can I download Phil's, KA(Q, cuurent release of tcp/
ip code?
||Anonymous ftp I hope...
||
||Thanks for your help,

```
||
||Bob  K3TCT
|
|The UCSD.EDU ftp server has all the latest TCP/IP code. KA9Q JUST
|posted his latest version yesterday. s930104.zip is in the
|/hamradio/packet/tcpip/ka9q directory. The other flavors of NOS are in
|their own directories in the /hamradio/packet/tcpip directory.

I've just made a ftp from UCSD.EDU and found there's no Makefile for UNIX
included.
Does anyone know of getting one for UNIX platform, preferably Sperc, BSDI
or 386BSD?

For the moment, I'm going to compile it with bcc anyway, thanks.
--
    *----/----*    CompuServe: Kohjin Yamada, JR1EDE [76662,111]
  Q-----T------H    504-55 Shimo-Yamaguchi, Hayama, Miura, Kanagawa, Japan
*------/|-------*  Phone:+81-468-75-6750   Fax/Modem/Voice:+81-468-76-1176

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Date: 6 Jan 93 17:56:59 GMT
From: pipex!unipalm!uknet!nessie!goshawk!john@uunet.uu.net
Subject: AmigaNOS v2.9k
To: packet-radio@ucsd.edu

Happy New Year,

There have been that many requests for PPP in AmigaNOS, that I decided
to have a go at including it in my version.  As a result, AmigaNOS v2.9k
has the PPP software from the earlier version.  I have not had the chance
to put the file out anywhere except 130.88.202.27

Bye for now.
John
--
                John Heaton   -   NRS Central Administrator
     MCC Network Unit, The University, Oxford Road, Manchester,  M13-9PL
           Phone: (+44) 61 275 6011   -   FAX: (+44) 61 275 6040
                   Packet: G1YYH @ G1YYH.GB7TCP.#16.GBR.EU

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Date: 7 Jan 1993 00:03:41 GMT
From: stanford.edu!morrow.stanford.edu!leland.Stanford.EDU!mattc@uunet.uu.net
Subject: high speed packet radio question
To: packet-radio@ucsd.edu
```

I read the FAQ, but I don't understand the distinction between a TNC, a packet
radio modem, and a radio used for packet radio. Is a TNC the same thing as
a packet radio modem? (I've used phone line modems since 1981, so I pretty
well understand what a modem is, but don't understand what a Terminal Node
Controller does.)
What I am mainly trying to figure out is this: What type of setup will
allow high speed operation >= 9600 baud?   What bands are used by high-speed
packet radio? How many people (approx.) operate at these speeds? What
are the limitations?

Thanks for any help,
     Matt Clarke
     mattc@leland.stanford.edu

Date: 5 Jan 93 23:17:36 GMT
From: news-mail-gateway@ucsd.edu
Subject: NOS and landline adapting
To: packet-radio@ucsd.edu

Is it possible, with just a regular land-line (Viva 24MNP modem) modem
and 2 meters to run NOS? I've heard about the Baycom driver for NOS
but don't know where to get it and if it works _well_.

--
Daniel Drucker   N2SXX   Coconut seashells whispering to me
daniel%mertwig@uunet.uu.net   "Forever, forever, my Coda..."
              begin 266]U(&AA=F4@;F\@;&EF92X: ` end

Date: Wed, 6 Jan 1993 23:54:32 GMT
From: sdd.hp.com!hpscit.sc.hp.com!icon.rose.hp.com!cmoore@network.UCSD.EDU
Subject: Questions about nodes
To: packet-radio@ucsd.edu

Hi!

I'm relatively new to packet, and I've come up with some questions that I can't
seem to find answers to...

I think I have the general idea of what a node is and what it does...I gather
that I can connect to it and from there I can connect to other stations. But
I can't seem to find any info on the commands. A few are obvious...such as

CONNECT, BYE, and INFO. But what about the NODES and ROUTES commands? What
exactly are they telling me? And the CQ command? It would seem to me that
a CQ command ought to send a CQ packet, but I've heard that's not true.

Is there documentation somewhere for these? It's very frustrating to be able
to connect to them and find that there is no 'help' and no available
documentation.

Thanks,

Chris Moore
N6IYS
cmoore@mothra.rose.hp.com

Date: 6 Jan 1993 19:35:49 -0500
From: bounce-back@uunet.uu.net
Subject: RESULT: rec.radio.info passes 215:51
To: packet-radio@ucsd.edu

                FINAL VOTE ACK AND VOTE TALLY

The vote for creation of rec.readio.info passed, with 215 votes in favour (QSL),
and 51 votes against (QRT) for a total of 266 unique ballots, when the voting
ceased on Wednesday, December 23, 1992 at 2359 UTC.

This meets or exceeds the requirements that more than 100 yes votes be
received than no votes, and that greater than 2/3 of the total votes
are in favor of the new newsgroup.

Next is a 7-day cooling off period for any objections to be raised. Barring
any meaningful objections, the new newsgroup will be created. As the moderator
for news.announce.newgroups is going on vacation, I can not guess as to the
creation date of this new group, but I will be taking submissions starting the
official creation date to the address rec-radio-info@ve6mgs.ampr.ab.ca, with
administrative requests at rec-radio-request@ve6mgs.ampr.ab.ca. I invite the
moderator team members to begin cross-posting of their bulletins on that date.

Thanks to all who voted! Democracy, I *love* it! I do hope the people that
voted no have no hard feelings, and will definitely try to address some of
their comments included in their ballots.

The following votes were received by the close of voting, Wednesday,
December 23, 1992 at 2359 UTC (5:59 PM Central Standard Time). The list
starts with the 215 QSL or Create rec.radio.info votes, followed by the
51 QRT or Do NOT Create rec.radio.info votes. The votes were tallied
courtesy Paul W Schleck pschleck@cwis.unomaha.edu.

```
QSL (Create rec.radio.info, as proposed), 215 unique votes:
-------------------------------------------------------------


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"Eric T. Lane" <ETLANE%UTCVM.bitnet@CUNYVM.CUNY.EDU>
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"Mike Titus (214) 709-2400 ext. 2259" <TITUS@a1.dallas.sil.org>
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Will Marchant <marchant@cea.Berkeley.EDU>
William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.cr.rockwell.com
wperkins!wmp ("William M. Perkins")

QRT (Do not create), 51 unique votes:

"Dana H. Myers" <dana@devnet.la.locus.com>
"David B. Horvath, CDP" <MBADBH@rohvm1.rohmhaas.com>
"Eric J. Olson" <ejo@kaja.gi.alaska.edu>
"Henry T. Rand" (AED-FD) <hrand@PICA.ARMY.MIL>
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---- Now a brief advertisement ----

Newsgroup:
    rec.radio.info (moderated)

/usr/lib/news/newsgroups entry:
    rec.radio.info    Informational postings related to radio.

Charter:
    To provide high quality, informational postings about radio.  This
    group will take cross-postings, or moderated postings from the regular
    discussion streams to alieviate the traffic, over expensive links, in
    these groups by allowing the news transfer mechanism to drop articles
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cross posted to rec.radio.info. Postings in the entire rec.radio.*
heirarchy that the moderators deam as informational, however, are
likely candidates for cross posting or re-posting. Also by placing the
informational postings in this group, make it easier for many to find
radio related information.

By maintaining a high level of quality in the postings, it is hoped
that these postings may end up, at least more conveniently, in various
archive sites, or possibly over the Amateur Radio Packet BBS network
as well.

By using a self-moderator scheme, the hopes are that many of the
postings will maintain timeliness, and good propagation through the
computer networks.
--
Ciao, 73 de VE6MGS/Mark -sk-

Date: 7 Jan 93 00:43:35 GMT
From: news-mail-gateway@ucsd.edu
Subject: SLIP - What is (answer) - NOS versions, 'dialer', SLIP timeout., finger
(questions) Thanks!
To: packet-radio@ucsd.edu

Hi again.

Question: How do you set up the routing so that several different
people could dial into the same slip port or ports on an NOS box? I
know this can be done as corporations etc have banks of SLIP dial-ins
that many different subnets dial into. But, can KA9Q NOS do it???

Example:
My net, 149.47.200.0, slips to my friend Fred.
My Freds net is 149.47.13.0
Fred slips to a netblazer which is on 149.47.0.0
The netblazer slips to an internet site which is 149.0.0.0

Works fine because every port knows what's going to be on the other
side.

Now add in another person who wants to slip into Freds NOS,
149.47.199.0.

When one of us dials into 149.47.0.0, how does NOS know who is there,
and what packets to send??

Now imagine that NOS has 2 or 3 slip ports on a hunt group, and 10
people on different subnets sharing it.

:(

Another question: Has anyone attempted to put some kind of security
on the slip dial in? I don't think it's good practice to have anyone
with a pc and a modem connect to my network.
I want to be able to access my workstation remotely, and I certainly
cannot do this without security on the dial in, since a non-trusted
user could dial in and become any user on my workstation.

Thanks,

Ben KB2ERP

PS: I recognize that many of my posts have little to do with actual
packet operation. I hope that I am not boring too many people here.
But I am attempting a big setup here and I want to get everything
working just right before taking it on the air. Hope you understand.
Thanks.

- -

   \|/   Ben Mehlman   Indigo..
  ^   ^   Trirex Systems Inc

  #   #   bmehlman@trirex.com   Indigoing..
    @
  ___/   >NeXTMail Welcome<   Indigone.
- -

- -

Date: 6 Jan 93 12:54:09 GMT
From: usc!wupost!darwin.sura.net!jvnc.net!netnews.upenn.edu!prijat!
triangle.cs.uofs.edu!bill@network.UCSD.EDU
To: packet-radio@ucsd.edu

References <1993Jan4.170301.16175@sernews.raleigh.ibm.com>, <C0DC8G.CF5@zero.com>,
<1icen4INN2dg@newz.ens.tek.com>
Subject : Re: Wormhole - What is it?

In article <1icen4INN2dg@newz.ens.tek.com>, ronk@cascade.ens.tek.com (Ron
Kirkpatrick;627-6707;50-454;LP=A;) writes:
|> In article <C0DC8G.CF5@zero.com>, steve@zero.com (Steve Urich) writes:
|> |> In <1993Jan4.170301.16175@sernews.raleigh.ibm.com>, JGRASS@VNET.IBM.COM

writes:
|> |> [...]
|> |> > A wormhole is a long distance link between two stations using the
|> |> >same protocol. A gateway converts one protocol to another. A wormhole
|> |>   I'd say, I seen one in action today on the new startrek series
|> |>   Deep Space 9. It gets you right into the Gamma quadrant in
|> |>   about 30 secs pretty good eh :-).
|>
|> Today??? I don't get to see DS9 until Thursday! (I must be caught in a time
|> vortex.)
|>

Boy, this linear time is really hell.

bill   KB3YV

--

     Bill Gunshannon | HARD HAT AREA
     bill@cs.uofs.edu | New .signature being constructed on this site
                               | #include <std.disclaimer.h>

End of Packet-Radio Digest V93 #7
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